

CLAIMS

1. A drive mechanism for use in a drug delivery device comprising an epicyclic gearbox.

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2. The drive mechanism according to claim 1 comprising:
a housing having a helical thread;
a piston rod having a non-circular cross section and an external helical thread;
a dose dial sleeve, which is threadedly engaged with said housing and being
10 rotatable with respect to said housing;
a drive sleeve, located between said housing and said piston rod, which is
threadedly engaged with said piston rod.

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3. The drive mechanism according to any of claims 1 or 2 characterised in
that the said dose dial sleeve is releasibly connected to the said drive sleeve by
the said epicyclic gearbox.

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4. An assembly for use in a drug delivery device comprising the drive
mechanism according to any of claims 1 to 3.

5. A drug delivery device comprising the drive mechanism or the assembly
according to any of claims 1 to 4.

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6. A method of assembling a drug delivery device comprising the step of
providing a drive mechanism or an assembly according to any of claims 1 to 4.

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7. The use of a drug delivery device as defined in claim 5 for dispensing a
medicinal product comprising an active compound selected from the group
consisting of insulin, growth hormone, low molecular weight heparin, their
analogues and their derivative.